# Aleks Chionglo

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## Education

**University of Toronto**                                                                                                    *Toronto*
Honours B.Sc. Computer Science Major, Statistics Minor, Economics Minor, 3.0 GPA                    September 2019 - Present

**Senator O'Connor College School**                                                                              *Toronto*
Honour Roll, 4.0 GPA                                                                                    September 2015 - June 2019

## Technical Skills

| | |
|---|---|
| **Programming Languages** | Python, SQL, R, Java, C++, C, HTML/CSS, Javascript |
| **Languages** | English (Native), French, Mandarin (Elementary) |

## Work Experience

**Data Analyst Intern**                                                                                      *Toronto - Remote*
CDL Rapid Screening Consortium                                                                            May 2021 - December 2021
- Worked with SQL queries to find critical data points for company performance
- Used R to analyze and track data on meeting attendance and organization progress through the consortium
- Live queried data in meetings with 100+ organizations to help presenter with information on companies
- Worked as level 1 support for the Jira data upload portal support team

**Program Monitor**                                                                                                *Toronto*
University of Toronto Scarborough                                                                              May 2023 - Present
- Used quick and timely decision making skills to accurate referee basketball games
- Used problem solving skills to de-escalate situations that arose during games
- Effectively communicated with participants during sports activities to encourage participation

**Piano Teacher**                                                                                                  *Toronto*
Self Employed                                                                                          September 2019 - Present
- Created customized lesson plans to cater to student needs
- Develop strong working relationships with parents and students to meet student needs.
- Communicate with parents regarding upcoming events and student progress.

## Projects

**Pygame Sudoku Solver**
Python                                                                                                              May 2023
- Created a GUI Sudoku interface using Python and the Pygame library
- Applied backtracking algorithm to solve any given valid input game

**Brown Fat Case Study**
R                                                                                                                  April 2023
- Created statistical models to predict the existence and volume of brown fat in individuals with cancer
- Created graphs to analyze correlation and QQ Residual plots to improve model accuracy

**NBA Analytics Project**
R                                                                                                                 March 2023
- Used various statistical tests in R to prove referee bias based on teams playing and location of any game
- Created accurate models to predict key statistics based on training data used from the 2020-2021 season

**Course Website**
HTML, CSS, Javascript, Python                                                                                     March 2021
- Created a login functionality course website with different views for student, teaching assistant, and professor
- Created a grades editor page using SQL and Javascript for professors to post and edit student grades in an interactive manner